| Index of Claims |  |  |  |  |  |  |  |  |  |  |  |  |
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09/913,383

Examiner

George Eng

Applicant(s)/Patent under Reexamination

HARADA ET AL.

Art Unit

2643

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| Cla  | aim         |          |          |          | D        | ate      |            |          |                     |      |      | Cla           | im       |                     |          |          |          | ate                |           |   |          | 7       | С     | laim          | Г        | _        |        |          | Date     | e        |          |              |           |
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|  | <del></del> | ۱.,      |          | - 1      |          |          |            |          |                     |      |      |               | 767      |                     |          |          |          |                    |           |   |          | 7       |       | $\overline{}$ |          |          |        |          |          |          |          | $\neg$       | $\neg$    |
| Final  | Original    | 6/24/05  |          | ļ        |          |          |            |          |                     |      |      | Final         | Original |                     |          |          |          |                    |           |   |          |         | ब     | Original      |          |          |        |          |          |          |          |              |           |
| l iĒ   | Ĕ           | 22       |          | - 1      |          |          |            |          |                     |      |      | ᇤ             | ij       |                     |          |          |          | ı                  |           |   |          |         | Final | ] <u>.</u> E  |          |          |        |          |          |          |          |              |           |
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|  | 1           | ¥        |          |          |          |          |            |          |                     |      |      |               | 51       |                     |          |          |          | $\exists$          |           | 十   | $\top$   | 1       |       | 101           |          | П        |        |          |          |          |          | ヿ            | ᅱ         |
|  | 2           | П        |          |          |          | T        |            |          |                     |      |      |               | 52       | П                   |          |          |          |                    | T         | $\top$  |          | 1       |       | 102           |          | П        |        | _        |          |          | T        | 一            | $\dashv$  |
|  | 3           |          |          |          |          |          |            |          |                     |      |      |               | 53       |                     |          |          |          |                    | $\top$    | _   | $\top$   | 7       |       | 103           |          | П        |        | _        |          | _        | $\dashv$ | $\dashv$     | 一         |
|  | 4           |          |          |          |          |          |            |          |                     |      |      |               | 54       |                     |          |          |          | $\exists$          | T         | $\neg$  | 十        | 7       |       | 104           |          | П        |        |          |          |          | T        | $\neg$       | ヿ         |
|  | 5           |          |          |          |          |          |            |          |                     |      |      |               | 55       |                     |          |          |          |                    | T         | T   | $\neg$   | 7       |       | 105           |          |          |        |          |          |          | T        |              | ヿ         |
|  | 6           | Ш        |          |          |          |          |            |          |                     |      |      |               | 56       |                     |          |          |          |                    |           | 1   |          | 1::::   |       | 106           |          | Ī        |        |          |          |          | T        | 寸            | ヿ         |
| L  | 7           | Ш        | Ш        |          |          |          |            |          |                     |      |      |               | 57       |                     |          |          |          |                    |           |   |          | 7       |       | 107           |          |          |        |          |          |          | コ        | $\neg$       | ヿ         |
|  | 8           | Ш        | Ш        |          | $\perp$  | i        |            |          |                     | ]!!  |      |               | 58       |                     |          |          |          |                    |           | T   | $\top$   | 7       |       | 108           |          |          |        |          |          |          |          | $\exists$    | ヿ         |
|  | 9           | Ш        | Ш        | $\perp$  |          |          | $\Box$     |          |                     |      |      |               | 59       |                     |          |          |          |                    |           |   |          |         |       | 109           |          |          |        |          |          |          | $\neg$   | $\neg$       | ヿ         |
|  | 10          | Ш        |          |          |          | $\perp$  | $_{\perp}$ |          |                     |      |      |               | 60       |                     |          |          |          |                    |           |   |          | 7::::   |       | 110           |          |          |        |          |          |          |          | ╅            | ヿ         |
|  | 11          | Ш        | Ш        |          |          |          |            |          |                     |      | :::[ |               | 61       | $\Box$              |          | ,        |          | _J                 | $oxed{T}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          | ]       |       | 111           |          |          |        |          |          |          | $\dashv$ | 寸            | ヿ         |
| $oxed{oxed}$                                     | 12          | Ш        | Ш        | $\Box$   | [        | $\perp$  |            |          |                     |      |      |               | 62       |                     |          |          |          |                    |           | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          | ]       |       | 112           |          |          |        |          |          |          | $\dashv$ | 7            | ヿ         |
|  | 13          | Ш        | Ш        | _        | _        | _        |            |          | Ш                   | _    |      |               | 63       |                     |          |          |          |                    | $\Box$    | $oxed{\Box}$                                      |          |         |       | 113           |          |          |        |          |          |          | $\Box$   |              | $\neg$    |
| <u> </u>   | 14          | Ш        | Ш        | _        | $\bot$   | _        | $\perp$    | [        |                     | _    |      |               | 64       |                     |          |          |          |                    | $\Box$    | $\perp$   |          |         |       | 114           |          |          |        |          |          | П        | $\neg$   | $\dashv$     | $\neg$    |
|  | 15          | Щ        | Щ        |          | $\perp$  | $\perp$  | $\dashv$   |          | $\Box$              | _    |      | ]             | 65       |                     |          |          |          | $\Box$             | $\perp$   | $\perp$   |          |         |       | 115           |          |          |        |          |          |          | 一        |              | $\neg$    |
|  | 16          | Щ        | Ш        |          | _        | $\perp$  | $\dashv$   | _        | $\sqcup \downarrow$ | _    |      |               | 66       | Ш                   |          |          |          |                    | $\perp$   | $\perp$   |          |         |       | 116           |          |          |        |          |          |          | $\neg$   | $\neg$       | $\neg$    |
|  | 17          | Ц.       | $\sqcup$ |          | .        |          | $\dashv$   | !        | Ш                   |      |      | ]             | 67       |                     |          |          |          |                    | I         |   |          | ]       |       | 117           |          |          |        |          |          |          |          |              | $\Box$    |
|  | 18          | Щ        | Ц        | _        | _        | _        | _          | _        |                     |      |      |               | 68       |                     |          | _        |          |                    | $\perp$   | $\perp$   |          | ]       |       | 118           |          |          |        |          |          |          | 寸        |              |           |
|  | 19          | Щ        |          | _        | _        | _        | _          |          |                     |      |      |               | 69       |                     |          |          |          |                    |           |   |          | ]!!!!   |       | 119           |          |          |        |          |          |          | 丁        | $\neg$       | 目         |
|  | 20          | Щ        |          |          | _        | _        | $\perp$    |          |                     | _    |      |               | 70       |                     |          |          |          |                    |           |   |          | ]:::::  |       | 120           |          |          |        |          |          |          | $\neg$   | $\neg$       | $\neg$    |
|  | 21          | 4        | $\Box$   | _        | $\dashv$ | $\perp$  |            | _        |                     |      |      |               | 71       | Ш                   |          |          | $\perp$  |                    |           |   |          |         |       | 121           |          |          |        |          |          |          |          | T            |           |
|  | 22          | 4        |          | _        |          |          |            | _        |                     | ;;   |      |               | 72       |                     |          |          |          |                    |           |   |          |         |       | 122           |          |          |        |          |          |          |          |              | ヿ         |
|  | 23          | 4        |          | _        | 4        |          | _          |          | _                   | _ :: |      |               | 73       | Ш                   |          |          | _        |                    | $\perp$   | $\perp$   | $\perp$  |         |       | 123           |          |          |        |          |          |          |          |              |           |
|  | 24          |          |          | 4        | _        |          | 4          |          | _                   | _    |      |               | 74       |                     |          |          | $\perp$  |                    |           |   |          |         |       | 124           |          |          |        |          |          |          |          |              | $\neg$    |
|  | 25          | _1_      |          | 4        |          | _        | $\perp$    | _        | _                   |      |      |               | 75       |                     |          |          |          | $\Box$             |           | $\perp$   |          |         |       | 125           |          |          |        |          |          |          | $\neg$   | П            | ٦         |
|  | 26          |          |          | _        | _        | 4        | 4          | _        | _                   | _    |      |               | 76       |                     | _        |          | _        | _                  |           |   |          |         |       | 126           |          |          | $\Box$ |          |          |          | $\Box$   |              | $\exists$ |
|  | 27          |          | $\perp$  | 4        | _        | 4        | 4          | _        | 4                   | _ :: |      |               | 77       |                     | _        | _        |          | _                  |           | $\perp$   |          |         |       | 127           |          |          |        |          |          |          |          | П            | $\neg$    |
|  | 28          |          | $\dashv$ | $\dashv$ |          |          | $\dashv$   | _        | _                   |      |      |               | 78       |                     |          | _        | $\dashv$ | _                  | 1         | $\bot$  |          |         |       | 128           |          | $\perp$  |        |          |          |          |          |              |           |
|  | 29          |          |          | $\dashv$ | -        | +        | $\dashv$   | $\dashv$ | -+                  |      | ij   |               | 79       |                     | _        | _        | _        | 4                  | 4         | _   | <u> </u> |         |       | 129           |          | _        |        | $\Box$   | _        |          |          |              |           |
| <u> </u>   | 30          |          |          |          | $\dashv$ | +        | -+         | -        | _                   |      | -    |               | 80       |                     | 4        | _        | 4        | _                  | 4         |   | _        |         |       | 130           |          |          |        | $\Box$   |          |          | $\bot$   | $\bot$       | ╝         |
|  | 31          |          | -        |          | +        | +        | _          | $\dashv$ | -                   |      | -    |               | 81       |                     | _        | _        | _        | _                  | 4         | $\perp$   | $\bot$   |         |       | 131           | _        | _        |        | _        |          |          | $\perp$  | $\perp$      | ╝         |
|  | 32          |          | -        | -        | -        |          | -          | $\dashv$ | -                   |      | -    |               | 82       | -                   | 4        | _        |          | _                  | _         | $\perp$   | 4_       | J       |       | 132           |          | _        | _      |          | _        |          | $\perp$  |              | $\sqcup$  |
|  | 33<br>34    |          | $\dashv$ | $\dashv$ | -        | +        | +          |          | $\dashv$            |      | 1    |               | 83       | $\vdash \downarrow$ |          |          | ļ        | _                  | +         |   | _        |         |       | 133           |          |          |        |          |          | _        | $\perp$  | $\dashv$     | Ц         |
| $\vdash$   | 35          | _        | $\dashv$ | +        | +        | +        | +          | $\dashv$ | +                   |      | ŀ    |               | 84       | $\vdash \downarrow$ | $\dashv$ |          |          | $\dashv$           | +         | $\perp$   | +-       | 4       |       | 134           | _        | _        | _      | _        |          | _        | _        |              | $\Box$    |
| -+   | 36          |          | $\dashv$ | $\dashv$ | +        | -        | +          | -+       | $\dashv$            |      | ŀ    |               | 85       | $\vdash \downarrow$ | $\dashv$ | -        | $\dashv$ | $\dashv$           | -         | +   | -        |         |       | 135           |          | _        |        |          | _        | _        | _        |              | _         |
| <del>                                     </del> | 37          | -        | $\dashv$ | +        | +        | +        | $\dashv$   | -+       | -                   |      | ŀ    |               | 86       | $\vdash \vdash$     |          |          | $\dashv$ |                    | +         | +   | 4        | 4       |       | 136           | _        | _        | _      | _        |          | _        |          | _            | $\Box$    |
|  | 38          |          | $\dashv$ | +        | -+       | +        | +          | $\dashv$ | $\dashv$            |      | ŀ    |               | 87       | $\vdash \vdash$     | $\dashv$ |          | $\dashv$ | $\dashv$           | 4         |   | +        | 4       |       | 137           | _        | _        |        | _        | _        | _        | _        | $\perp$      | $\Box$    |
| -  | 39          |          | $\dashv$ | $\dashv$ | -+       | +        | +          | $\dashv$ | $\dashv$            |      | ŀ    |               | 88       | $\vdash$            | 4        |          | _        | +                  | +         | -   | +        |         |       | 138           | _        | _        |        | _        | _        | _        | 4        | _            | $\Box$    |
|  | 40          | _        | $\dashv$ | +        | +        | +        | +          | +        | $\dashv$            |      | ŀ    | -             | 89       | $\dashv$            | $\dashv$ |          | $\dashv$ | -                  | $\perp$   | +   | -        |         |       | 139           | _        | 4        | _ļ     | _        |          | _        | 4        | $\dashv$     | _         |
|  | 41          | ·        | $\dashv$ | +        | $\dashv$ | +        | +          | $\dashv$ | $\dashv$            | -    | ŀ    |               | 90       | $\dashv$            | -+       | _        | $\dashv$ | $\dashv$           | -         | +   |          |         |       | 140           | -        | 4        | _      |          |          |          | 4        | $\downarrow$ | _         |
|  | 41          |          | $\dashv$ | +        | $\dashv$ | $\dashv$ | +          | $\dashv$ | -+                  |      | ÷    |               | 91       | $\dashv$            | -        | -        | $\dashv$ | $\dashv$           | +-        | +   | +        | 4       |       | 141           | 4        | $\perp$  | _      | _        | _        | _        | $\dashv$ | 4            | _         |
|  | 43          | $\dashv$ | +        | +        | +        | +        | +          | $\dashv$ | $\dashv$            |      | ŀ    | $\dashv$      |          | $\vdash$            | -        | $\dashv$ | $\dashv$ | +                  | +         | +-  | +        |         |       | 142           | _        | _        | _      | _        | $\dashv$ | _        | $\dashv$ | 4            |           |
| -+   | 44          | $\dashv$ | +        | +        | +        | +        | +          | $\dashv$ | +                   |      | ⊪    | $\rightarrow$ | 93       |                     |          | -        | -        | +                  |           | +   |          |         |       | 143           | $\dashv$ | $\dashv$ | _      | _        | 4        | _        | $\dashv$ | $\dashv$     | _         |
|  | 45          |          | $\dashv$ | +        | $\dashv$ | $\dashv$ | +          | $\dashv$ | -+                  |      | -    |               | 94<br>95 | -                   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$           | +         | ┿   | +        |         |       | 144           | _        | 4        |        | $\dashv$ |          | $\dashv$ | _        | $\dashv$     | $\dashv$  |
| -+   | 46          |          | $\dashv$ | +        | +        | +        | $\dashv$   | $\dashv$ | $\dashv$            |      | ⊪    |               | 96       | $\dashv$            | -+       | $\dashv$ | -        | +                  | +         | +   |          |         |       | 145           |          | -        | _      | _        | _        | _        | 4        | $\dashv$     | $\dashv$  |
|  | 47          | $\dashv$ | -        | +        | +        | +        | +          | $\dashv$ | $\dashv$            |      | ii - |               | 96       | -                   | $\dashv$ | -+       | $\dashv$ | +                  | +         | +   | +        | ł iii l |       | 146           |          | $\dashv$ | -      | _        | _        | _        | $\dashv$ | 4            | 4         |
|  | 48          | $\dashv$ | -+       | +        | +        | +        | +          | $\dashv$ | $\dashv$            |      | ⊪    | -             | 98       | -                   | +        |          | $\dashv$ | +                  | +         | +   | +        |         |       | 147           | $\dashv$ | $\dashv$ | -      |          | 4        | _        | $\dashv$ | $\dashv$     | _         |
|  | 49          | -        | +        | +        | +        | +        | +          | +        | -                   |      | ⊪    | $\dashv$      | 98       | -                   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$           | +         | +   | +        | {}}}    |       | 148           | $\dashv$ | $\dashv$ | _      | 4        | _        | _        | 4        | 4            | $\dashv$  |
|  | 50          |          | $\dashv$ | +        | +        | +        | +          | +        | +                   |      | ⊪    | -+            |          | $\dashv$            | $\dashv$ | -+       | $\dashv$ | $\dashv$           | +         | +   | +        |         |       | 149           |          | 4        |        | 4        | $\dashv$ | _        | 4        | 4            | _         |
|  | 30          | [        |          |          |          | L_       | Ц.         |          |                     | :::  | ٠:L  |               | 100      | 1                   |          |          |          | $oldsymbol{\perp}$ |           |   |          | J:::::[ |       | 150           |          |          |        | _1       |          | 1        |          |              | - [       |